

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-42. (Cancelled)

43. (Previously presented) A method for diagnosing colon cancer comprising comparing levels of PPP3CC protein in a patient colon sample to that of a non-cancerous colon control sample, wherein the PP3C33 protein is encoded by a nucleic acid having the nucleotide sequence set forth in SEQ ID NO:1587, wherein an increase in the level of PPP3CC protein in the patient colon sample of at least 50% relative to said non-cancerous colon control is indicative of colon cancer.

44. (Previously presented) A method for diagnosing colon cancer comprising comparing levels of a polypeptide encoded for by a nucleic acid comprising a nucleotide sequence at least 98% identical to SEQ ID NO:1587 in a patient colon sample to a non-cancerous colon control sample, wherein an increase in the level of the polypeptide in the patient colon sample of at least 50% relative to said non-cancerous colon control is indicative of colon cancer, said polypeptide having protein phosphatase activity.

Claims 45-48. (Cancelled)